



Hinged Freezer Doors

ULTI TEMPERATURE CONTROL DOORS



SPECIALIST DOOR SOLUTIONS

0800 807 753

ultigroup.co.nz

CUSTOM-DESIGNED FOR SUBZERO TEMPERATURES

CHARACTERISTICS

Hinged doors for freezer room are designed for temperatures between -45 and -5 C. We offer a number of heated frames and door leafs variants depending on the type of wall, shapes of door niches, space available and customer's preference. Each freezer door has a heated frame and threshold that protects the gasket from freezing. What is more, we added a special thermostat that regulates the temperature, in case of freezer malfunction. Each door has a unique serial number and is individually designed to ensure durability and peak performance for prolonged heavy use.



DOOR LEAF

The door leaf may be constructed using: stainless steel, zinc coated galvanized steel(0.8 mm or 0.75 mm). The thickness of the door panel is:

100mm: -25°C
120mm: -35°C
150mm: -45°C

Our doors can be made as an inside frame or space-saving half frame construction. Stainless steel door panels are welded in the corners, all construction follow a hygienic standard design and is manufactured with great care.

All metallic elements inside the door leaf are also made from stainless steel, using materials of only the best quality.

SEALING

Each freezer door is equipped with two special double-component gaskets installed in a special plastic profile. This solution eliminates the thermal bridge of the door leaf and guarantees a tight seal.

FRAMES AND THRESHOLD



There are several types of frames available depending on the door's configuration. Each frame has undergone special acid-proofing to ensure its rigidity and durability. Freezer frames are tested beyond their rated limit and are equipped with a thermostat, protecting against overheating should the freezer fail in maintaining its proper temperature. We can also fit a more cost-effective overlay, one-side frame to lower the cost.

Each frame is filled with polyurethane foam, then integrated with an acid-resistant, heated threshold (installed from the door's ceiling to the floor level). A more cost-effective option is available which heats the bottom of the door leaf instead of the whole door frame.

HINGES



Angular UP-DOWN stainless steel hinges with covers.



Angular UP-DOWN plastic hinges with steel inside.

LATCHES

Simple safe lock



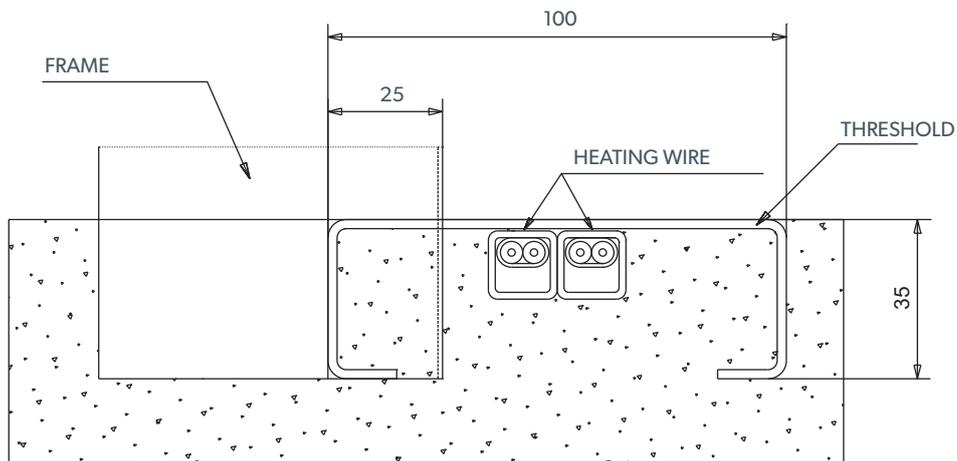
Strong construction latch for larger doors or double leafed doors



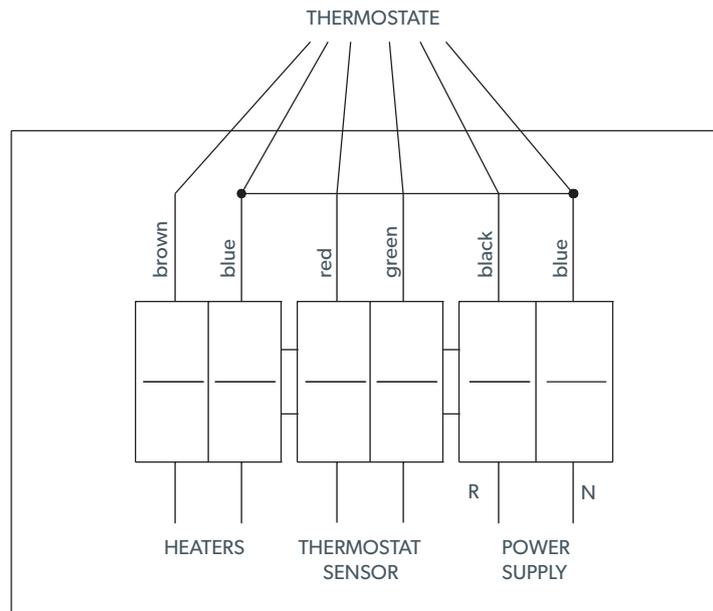
*special locks are available for unique situations and customer requirements

HEATED THRESHOLD

Made from 2mm thick stainless steel with special internal reinforcements, made of concrete and equipped with removable heaters. Truly a tough door built to take the challenge.



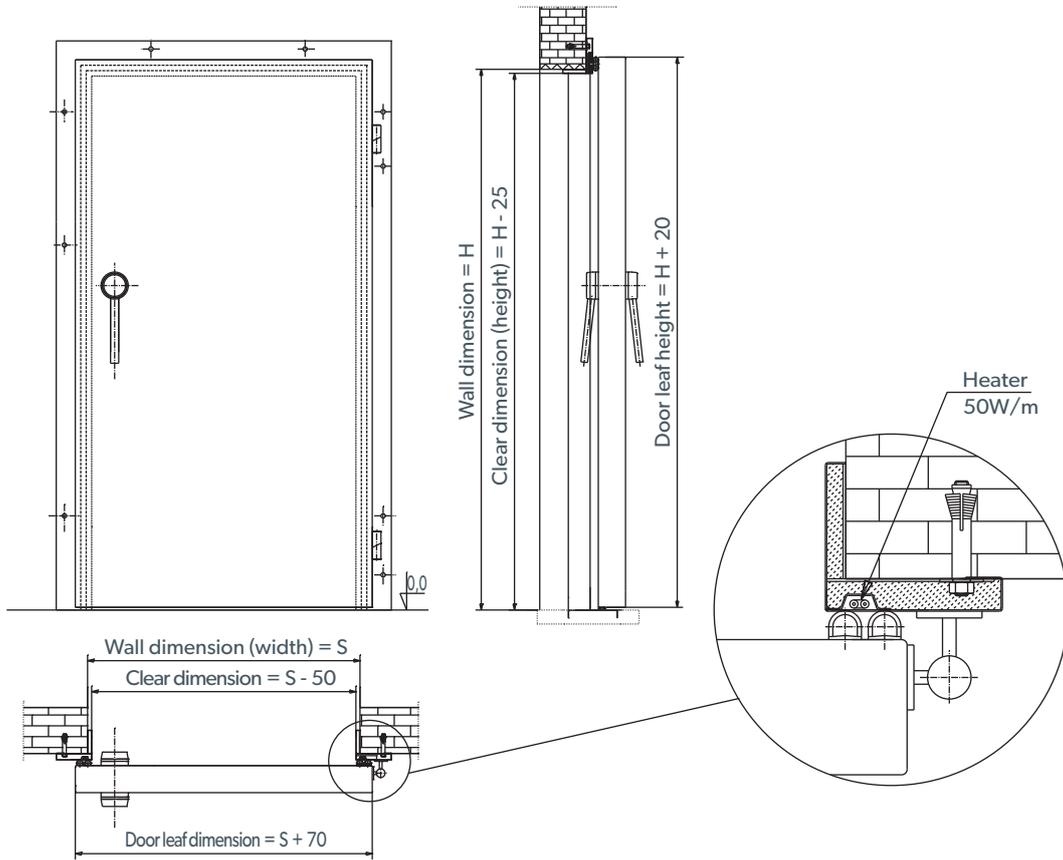
HEATER CONNECTION



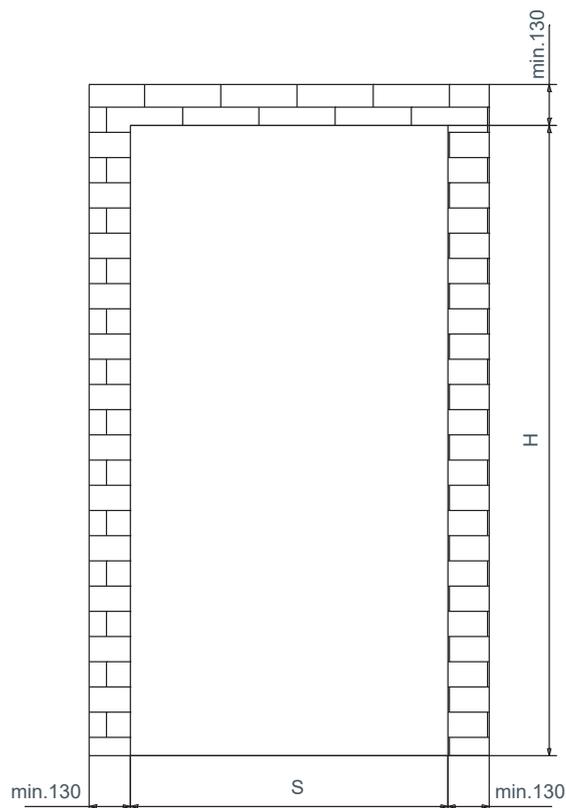
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INSTALLATION DIMENSIONS

Single leaf hinged freezer door, angle frame.



ASSEMBLY SPACE



	ONE LEAF DOOR		TWO LEAF DOOR	
	ON FRAME CONSTRUCTION	INSIDE FRAME CONSTRUCTION	ON FRAME CONSTRUCTION	INSIDE FRAME CONSTRUCTION
APPLICATION	FREEZER ROOMS			
LEAF THICKNESS	100-150	100-150	100-150	100-150
MATERIAL				
STAINLESS STEEL	*	*	*	*
GALVANIZED PAINTED/POWDER PAINTED/MIX*	*	*	*	*
SURFACE VARIANTS				
STAINLESS STEEL	V2A (1.4301), V4A (1.4401) SMOOTH, CIRCLE BRUSHED, LINE BRUSHED, BRUSHED			
ZINC COATED - PAINTED	PAINTED ACCORDING TO RAL PALETTE COLOURS			
ZINC COATED - LAMINATED	SPECIAL FOIL LAMINATED STEEL - CAN BE IN DIFFERENT COLOURS AND STRUCTURES			
ZINC COATED - GALVANIZED	AS A STANDARD – RAL 9002, RAL 9010. OTHER COLOURS UPON REQUEST			
DOOR FRAMES				
AF - ANGLE FRAMES	*	*	*	*
OS - ONE SIDE FRAMES**	-	-	-	-
BL - BLOCK FRAME LEFT	*	*	*	*
BR - BLOCK FRAME RIGHT	*	*	*	*
3-S - BLOCK FRAME 3 SIDES	*	*	*	*
INSTALLATION VARIANTS				
FULL BRICK WALL	*	*	*	*
SANDWICH PANEL	*	*	*	*
HOLLOW BRICK	*	*	*	*
HINGES				
STAINLESS STEEL WITH COVER	*	-	*	-
STEEL WITH PLASTIC COVER	*	-	*	-
STAINLESS STEEL WITH VISIBLE SCREWS	*	S	*	S
LATCHES				
LATCH WITH STAINLESS STEEL HANDLE WITHOUT LOCK	*	*	*	*
LATCH WITH STAINLESS STEEL HANDLE WITH LOCK	*	*	*	*
LATCH WITH STAINLESS STEEL HANDLE WITH SAFE LOCK	*	*	*	*
REVERSE SIDE LATCH	*	*	*	*
SIMPLE LATCH (SAFE LOCK CONFIGURATED)	*	*	-	-
ADDITIONAL EQUIPMENT				
DOOR NICHES COVERS	*	*	*	*
PE DOOR LEAFS BUMPERS	*	*	*	*
BOTTOM STAINLESS STEEL DOOR LEAFS COVER	*	*	*	*
INTERNAL FRONT REINFORCEMENT	*	*	*	*
THRESHOLD	S	S	S	S

* Mix – stainless steel frame, door leaf painted. Stainless steel door leaf (internal side), painted or galvanized external side.

** Angle frames can only be made from stainless steel. If you prefer galvanized steel doors we can use galvanized frames on one side. Stainless steel frames can be used as optional equipment.



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